

JUL.17.2003 6:04PM NORTEL RES 613 765 2114

NO.439 P.2

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0851-0032

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
with Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Do ket Number

15541ROUS02U

First Named Inventor

Mo-Han FONG

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ADAPTIVE DUAL-MODE REVERSE LINK SCHEDULING METHOD FOR WIRELESS  
TELECOMMUNICATIONS NETWORKS**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number or Bar Code Label **021909** OR ☐ Correspondence address below

Name

Address

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State

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Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name **MO-HAN**  
(first and middle [if any])Family Name **FONG**  
or SurnameInventor's  
Signature

Date

L'ORIGINAL  
Residence: CityONTARIO  
StateCANADA  
CountryCANADA  
CitizenshipMailing Address **1578 BAY ROAD**L'ORIGINAL  
CityONTARIO  
StateK0B 1K0  
ZIPCANADA  
CountryNAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name **DEREK**  
(first and middle [if any])Family Name **YU**  
or SurnameInventor's  
Signature

Date

KANATA  
Residence: CityONTARIO  
StateCANADA  
CountryCANADA  
CitizenshipMailing Address **178 WALDEN DRIVE**KANATA  
CityONTARIO  
StateK2K 2K8  
ZIPCANADA  
Country☒ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

JUL-18-2003 13:10

NORTEL NETWORKS

613 768 3297 P.03

PTO/SB/01 (10-01)

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NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name MO-HAN  
(first and middle [if any])Family Name FONG  
or SurnameInventor's  
Signature

Date

L'ORIGINAL  
Residence: CityONTARIO  
StateCANADA  
CountryCANADA  
Citizenship

Mailing Address 1578 BAY ROAD

L'ORIGINAL  
CityONTARIO  
StateK0B 1K0  
ZIPCANADA  
Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name DEREK  
(first and middle [if any])Family Name YU  
or SurnameInventor's  
Signature

Date

July 18, 2003

KANATA  
Residence: CityONTARIO  
StateCANADA  
CountryCANADA  
Citizenship

Mailing Address 178 WALDEN DRIVE

KANATA  
CityONTARIO  
StateK2K 2K8  
ZIPCANADA  
Country☒ Additional inventors are being named in the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PTO/SB/02A (10-00)

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**DECLARATION****ADDITIONAL INVENTOR(S)****Supplemental Sheet**

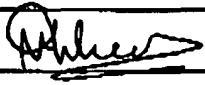
Page 1 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
JUN Given Name		LI Family Name or Surname	
Inventor's Signature		Date 7/21/03	
RICHARDSON Residence: City	TEXAS State	U.S.A. Country	CHINA Citizenship
3361 MORONEY DRIVE Mailing Address			
Mailing Address			
RICHARDSON City	TEXAS State	75082 ZIP	U.S.A. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
ASHVIN Given Name		CHHEDA Family Name or Surname	
Inventor's Signature		Date	
PLANO Residence: City	TEXAS State	U.S.A. Country	U.S.A. Citizenship
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Mailing Address			
PLANO City	TEXAS State	75025 ZIP	U.S.A. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
WEN Given Name		TONG Family Name or Surname	
Inventor's Signature		Date	
OTTAWA Residence: City	ONTARIO State	CANADA Country	CANADA Citizenship
12 WHITESTONE DRIVE Mailing Address			
Mailing Address			
OTTAWA City	ONTARIO State	K2C 4A7 ZIP	CANADA Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>1</u> of <u>2</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>JUN</b>		Family Name or Surname <b>LI</b>	
Inventor's Signature		Date	
Residence: City <b>RICHARDSON</b>	State <b>TEXAS</b>	Country <b>U.S.A.</b>	Citizenship <b>CHINA</b>
Mailing Address <b>3361 MORONEY DRIVE</b>			
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City <b>RICHARDSON</b>	State <b>TEXAS</b>	ZIP <b>75082</b>	Country <b>U.S.A.</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>ASHVIN</b>		Family Name or Surname <b>CHHEDA</b>	
Inventor's Signature 		Date <b>7/21/03</b>	
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Mailing Address			
City <b>PLANO</b>	State <b>TEXAS</b>	ZIP <b>75025</b>	Country <b>U.S.A.</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>WEN</b>		Family Name or Surname <b>TONG</b>	
Inventor's Signature		Date	
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Mailing Address <b>12 WHITESTONE DRIVE</b>			
Mailing Address			
City <b>OTTAWA</b>	State <b>ONTARIO</b>	ZIP <b>K2C 4A7</b>	Country <b>CANADA</b>

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**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 2

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventorGiven  
Name JUNFamily Name  
or Surname LIInventor's  
Signature

Date

RICHARDSON  
Residence: CityTEXAS  
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Name of Additional Joint Inventor, if any:

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Country

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventorGiven  
Name WENFamily Name  
or Surname TONGInventor's  
Signature

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CountryCANADA  
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Mailing Address

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**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>GENG</b>		Family Name or Surname <b>WU</b>	
Inventor's Signature 		Date <b>July 21, 2003</b>	
Residence: City <b>PLANO</b>	State <b>TEXAS</b>	Country <b>U.S.A.</b>	Citizenship <b>CANADA</b>
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Mailing Address			
City <b>PLANO</b>	State <b>TEXAS</b>	ZIP <b>75025</b>	Country <b>U.S.A.</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Mo-Han Fong,	§	Attorney Docket No. 15541ROUS02U
	Derek Yu,	§	(NORTH 2761001)
	Jun Li,	§	
	Ashvin Chheda,	§	
	Wen Tong,	§	
	Geng Wu	§	
Serial No.:	n/a	§	
Filed:	Herewith	§	Group Art Unit: n/a
Title:	ADAPTIVE DUAL-MODE	§	Examiner: n/a
	REVERSE LINK SCHEDULING	§	
	METHOD FOR WIRELESS	§	
	TELECOMMUNICATIONS	§	
	NETWORKS	§	
		§	

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

POWER OF ATTORNEY FOR  
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

**2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for ADAPTIVE DUAL-MODE REVERSE LINK SCHEDULING METHOD FOR WIRELESS TELECOMMUNICATIONS NETWORKS, by Mo-Han Fong, Derek Yu, Jun Li, Ashvin Chheda, Wen Tong, and Geng Wu, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Gregory W. Carr (Reg. No. 31,093), Theodore F. Shiells (Reg. No. 31,569), Alan A.R. Cooper (Reg. No. 51,217);



its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Please address all correspondence and telephone calls regarding this application to:

Gregory W. Carr (Reg. No. 31,093)  
CARR LLP (Cust. No. 021909)  
Intellectual Property Law  
670 Founders Square  
900 Jackson Street  
Dallas, Texas 75202  
(214) 760-3000  
(214) 760-3003 (Telecopy)

---

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

NORTEL NETWORKS LIMITED

21 July 2003  
Date

John D. Crane  
Name:  
Director, Patents  
Title